

ASSIGNMENT 12

Textbook Assignment: "Weapons Assembly," Pages 13-1 through 13-28; and "Aircraft Loading and Unloading Procedures," Pages 14-1 through 14-13.

- 12-1. What primary factor dictates the way a weapon is to be configured?
1. The target
 2. The weapon's weight
 3. The mission
 4. The type of delivery aircraft used
- 12-2. On an LFORM class ship; bomb assembly is usually performed in which of the following locations?
1. The flight or hangar deck
 2. The second or fifth deck
 3. The third or hangar deck
 4. The fourth or hangar deck
- 12-3. In reference to weapons, what is meant by the term "breakout"?
1. The removal of bonding straps from a weapon
 2. The inspection of a weapon
 3. The physical removal of ammunition from a magazine
 4. The use of weapons skids to load weapons
- 12-4. An M150/T46 contains a total of how many separate explosive components?
1. Five
 2. Two
 3. Three
 4. Four
- 12-5. The plastic shipping plugs are removed from the nose well and the tail fuze cavity of Mk 80 GP bombs at which of the following times?
1. During arming procedures
 2. During depalletizing procedures
 3. During assembly, after fuze installation
 4. During assembly, prior to fuze installation
- 12-6. After removing a bomb from a pallet and placing it on the appropriate bomb skid or assembly stand, what action should you perform next?
1. Inspect the conical fin
 2. Install a mechanical nose fuze
 3. Inspect the bomb
 4. Install an electrical fuze
- 12-7. When using mechanical nose fuzing, you must install which of the following components during assembly?
1. A Mk 346 tail fuze
 2. An M148 adapter booster
 3. An M150 adapter booster
 4. An M904E4 tail fuze
- 12-8. After an M148 adapter booster has been screwed into a bomb and tightened with a spanner wrench, what step should be performed next?
1. The setscrew in the bomb body should be tightened against the tail booster threads
 2. The hex head bolt in the bomb body should be tightened against the adapter-booster threads
 3. The hex head bolt in the bomb body should be removed and replaced with a safety cotter pin
 4. The setscrew in the bomb body should be tightened against the adapter-booster threads
- 12-9. A Mk 122 arming safety switch should be installed in what environment?
1. A special magazine environment
 2. A RADHAZ environment
 3. A HERO environment
 4. A RADHAZ-free environment
- 12-10. An FMU-139 tail fuze high drag arm/delay must be set at what position?
1. 1.2 sec
 2. 2.0 sec
 3. 2.6 sec
 4. 2.2 sec
- 12-11. What is the proper orientation of a Mk 122 arming safety switch coaxial cable?
1. Left angle to the lugs
 2. Forward of the lanyard
 3. 45° to the lugs
 4. Aft of the lanyard

- 12-12. After a Mk 3 arming wire has been installed, what device is used to hold the arming wires in place?
1. A setscrew
 2. A cotter pin
 3. A pop-out pin
 4. A restraining clip
- 12-13. What component retains the firing-pin assembly in a Mk 76 Mod 5 practice bomb?
1. A cotter pin
 2. An arming wire
 3. A retainer clip
 4. A shear pin
- 12-14. What plug gauge is used with a Mk 76 subcaliber practice bomb?
1. SK923AS503
 2. SK923AS305
 3. SK523AS305
 4. SK329AS503
- 12-15. The firing device is held in the blast tube of a BDU-48 practice bomb by what means?
1. A cotter pin
 2. A retainer clip
 3. A safety pin
 4. Threads
- 12-16. When viewed from the rear, the wing release latch mechanism of a MXU-667 and MXU-650 should be in what position?
1. 12 o'clock
 2. 9 o'clock
 3. 3 o'clock
 4. 6 o'clock
- 12-17. Before a reusable rocket launcher is loaded onto an aircraft, it should be sent to AIMD for which of the following reasons?
1. Cleaning
 2. A mechanical checkout
 3. An electrical checkout
 4. A preloading inspection
- 12-18. During assembly, rocket warheads and motors should be kept in what position?
1. Vertical
 2. Horizontal
 3. Inclined
 4. Raised?
- 12-19. When a rocket warhead is inspected, what maximum amount of gap, if any, is allowed between the fuze adapter and the warhead?
1. 1/8 in.
 2. 1/4 in.
 3. 3/8 in.
 4. None
- 12-20. When inspecting a rocket warhead with a base fuze installed, you should make sure the base fuze does NOT protrude more than what maximum distance from the warhead surface?
1. 1/16 in.
 2. 1/8 in.
 3. 3/16 in.
 4. 1/4 in.
- 12-21. While inspecting a Mk 93/M414 fuze, you find minor scratches or abrasions. What action should you take?
1. Turn the fuze in to EOD
 2. Replace the fuze
 3. Reject the fuze
 4. Use the fuze
- 12-22. The metal shielding band currently used to package rocket motors in separate wooden containers can be identified by what part number?
1. P/N 1516140
 2. P/N 2385910
 3. P/N 3958201
 4. P/N 4902192
- 12-23. Which of the following devices should be in place whenever a rocket motor is removed or protrudes from a rocket launcher?
1. A safety clip
 2. A shorting plug
 3. A shielding band
 4. A safety lanyard
- 12-24. You are using a chain wrench to install a Mk 34/Mk 63 warhead on a rocket motor and need to know what areas on the warhead you are permitted to place the wrench. What reference should you use?
1. NAVSEA OP 4
 2. NAVSEA OP 5
 3. The decal on the rocket
 4. The decal on the warhead

- 12-25. As an aid when installing a Mk 6 Mod 7 or Mk 32 Mod O, you may use which of the following procedures?
1. Use two chain wrenches
 2. Cut a groove in one nylon insert
 3. Use a pair of adjustable locking pliers
 4. Use a torque wrench
- 12-26. What NAVAIR publication contains assembly procedures for 5.0-inch rockets?
1. 11-140-5
 2. 11-75A-92
 3. 11-75A-54
 4. 11-5A-17
- 12-27. What NAVAIR publication contains assembly procedures for 2.75-inch rockets?
1. 11-75A-92
 2. 11-75A-56
 3. 11-5A-17
 4. 01-85-5
- 12-28. What total number of sealing rings are used with a SUU 25 flare dispenser?
1. Six
 2. Two
 3. Eight
 4. Four
- 12-29. The shear pin tangs on a SUU 25 flare dispenser should be spread between what specified range of degrees?
1. 10 to 15°
 2. 20 to 30°
 3. 30 to 40°
 4. 45 to 50°
- 12-30. The outside of a flare dispenser should be marked with all EXCEPT which of the following information?
1. Time loaded
 2. Date loaded
 3. Lot number
 4. Electrical test date
- 12-31. What authority must authorize changes to ordnance?
1. NAVSEASYSKOM
 2. NAVAIRSYSKOM
 3. CINCLANTFLT
 4. CNO
- 12-32. What is the acronym CCG?
1. Computer control group
 2. Computer counsel group
 3. Computer closer group
 4. Computer catches group
- 12-33. What is the acronym QA/SO?
1. Quality assistants/safety observer
 2. Quantity assurance/safety observer
 3. Quality assurance/soften observer
 4. Quality assurance/safety observer
- 12-34. What is the acronym OHO?
1. Ordnance handling operator
 2. Ordnance handling operations
 3. Ordnance handling officer
 4. Ordnance handling observer
- 12-35. What is the acronym GBU?
1. Glided-bomb unit
 2. Guided-bomb unit
 3. Guided-bomber unit
 4. Guided-box unit
- 12-36. The Airborne Weapons/Stores Publication Index, NAVAIR 01-700, is updated at least how often?
1. Quarterly
 2. Biannually
 3. Yearly
 4. Biennially
- 12-37. NATOPS manuals are issued by what authority?
1. SECNAV
 2. SECDEF
 3. CNET
 4. CNO
- 12-38. What manual contains the best available operating instructions for most circumstances?
1. IPB
 2. MIM
 3. NATOPS
 4. NAMP

- 12-39. The types of ordnance and the various ordnance load combinations for each model of aircraft are contained in which of the following manuals?
1. The Airborne Weapons/Stores Loading Manual
 2. The NATOPS Flight/Tactical Manual
 3. The CV NATOPS Manual
 4. The Maintenance Instructions Manual
- 12-40. What manual standardizes aircraft loading procedures throughout the Navy?
1. The CV NATOPS Manual
 2. The NATOPS Flight/Tactical Manual
 3. The Airborne Weapons/Stores Loading Manual
 4. The Maintenance Instructions Manual
- 12-41. A crew leader must use an aircraft weapons checklist at which of the following times?
1. When the crew leader is not qualified or certified for the particular weapons or store being loaded
 2. When the crew leader is not familiar with the particular weapon or store being loaded
 3. When the crew is loading inert, practice, or dummy ammunition
 4. When the crew leader has a thorough understanding of the Loading Manual
- 12-42. Normally, which of the following weapons are armed in the arming area?
1. Rockets
 2. Missiles
 3. Aircraft guns
 4. Rockets, missiles, and aircraft guns
- 12-43. Forward-firing ordnance should be dearmed at which of the following times?
1. After the aircraft's engine is shut down and after the aircraft is refueled
 2. Before the aircraft's engine is shut down
 3. After the aircraft's engine is shut down and before the pilot leaves the aircraft
 4. After the aircraft's engine is shut down and after the pilot leaves the aircraft
- 12-44. Which of the following steps should you perform when preparing and inspecting an aircraft for bomb loading?
1. Verify that preloading release and control system checks have been completed
 2. Ensure the aircraft is in the rearming area and properly grounded
 3. Ensure stations to be loaded are accessible
 4. Each of the above
- 12-45. What device should you use to ground an aircraft?
1. A mesh strap
 2. A rubber strap
 3. An authorized ground cable
 4. An electrical cable with three prongs
- 12-46. Manual-hoisting bars may be used to load most weapons or stores up to what maximum weight?
1. 500 lb
 2. 750 lb
 3. 1,000 lb
 4. 1,500 lb
- 12-47. You are using a manual hoisting bar to lift a weapon. To connect the Mk 122 arming safety switch, you should lift the weapon to approximately what distance below the rack?
1. 10 in.
 2. 12 in.
 3. 15 in.
 4. 18 in.
- 12-48. After a weapon is loaded, the total tightening of each sway brace screw should NOT exceed what maximum amount?
1. 1/16 turn
 2. 1/8 turn
 3. 1/4 turn
 4. 1/2 turn
- 12-49. When unloading a weapon, which of the following items should you install in an M904E3/E4 fuze before you remove the arming wire?
1. The M9 delay element
 2. The stop screw
 3. The safety pin/device
 4. The adapter connector
- 12-50. For information concerning flight deck operational procedures, you should refer to which of the following NAVAIR manuals?
1. 00-80T-105 only
 2. 00-80T-105 and 00-80T-106
 3. 00-25-100
 4. 01-1A-509